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all document A
DRAFT/8 August 1962

The following answers the questions in Department of State message No. 82, dated 18 July 1962.

1. The 1 February 1963 schedule for beginning of station operation is predicated on sufficient training and rehearsal to permit the use of the station as a part of the satellite tracking and communications net by 1 May 1962. This station would be essentially a duplicate of stations now in existence at Vandenberg AFB, Calif.; New Boston, New Hampshire; Kodiak, Alaska; Annette Island, Alaska; Thule, Greenland; and Kaena Point, Hawaii. It would perform tracking and communication services in the same manner as do these stations for satellites in orbit, but would also have the function of tracking and communicating with satellites in the process of re-entering the atmosphere for recovery within the western part of the US.

2. The estimated annual operations and maintenance cost of the station is \$2.25 million.

3. USAF satellites are all designed for multi-purpose missions. Each satellite has a multiplicity of test objectives and may carry several different sensing instruments. Present and known future functions are of two classes. A. Research and Development of orbiting vehicles, including space recovery vehicles, space communications techniques, space vehicle control techniques, attitude stabilization devices, space

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power supplies, space propulsion devices, horizon sensors, etc. and

B. Sensors and Data Gathering devices for earth albedo measurements,
background

infra-red/measurements, ultra-violet background measurements, ener-

getic particle measurements, radiation background measurements,

detection of nuclear detonations, meteorological information, geodetic

information, photographing the Earth's surface, recording of electronic

signals, bio-medical experiments, and early warning of ICBM attack.

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